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ABSTRACT

Following the discussions of: what is SLICE, what is MARC, what is MARC-O, and what is SLICE/MARC-O are descriptions of the five services offered by SLICE/MARC-O. These services are: (1) cataloging data search and print, (2) MARC record and search and copy, (3) standard S.D.I. current awareness, (4) custom S.D.I. current awareness and (5) SLICE staff support. As the MARC Data Base expands to include serials, multi-media and foreign publications, maps, and other English language monographs, the potential for regional coordination of library development becomes greater. Some of the functions or services possible in the SLICE/MARC-O system which have regional implications discussed are: (1) regional union catalog of monographs, (2) routing of interlibrary loan requests, (3) coordinated data base services, (4) coordinated functional services and (5) cooperative resource development. (Author/NH)

ED 065150

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SLICE/MARC-O

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A Project Of The Southwestern Library Association

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DESCRIPTION

OF

SERVICES

Prepared cooperatively by Oklahoma Department of Libraries
and SLICE Office Director. Address inquiries to:

SLICE OFFICE
2600 Stemmons, Suite 188
Dallas, Texas, 75207
(214) 631-1272

OR

MARC-O
Oklahoma Department of Libraries
109 State Capitol
Oklahoma City, Oklahoma, 73105
(405) 521-3651

LI 003 771

March, 1972
Second Revised Edition

SLICE/MARC-O DESCRIPTION OF SERVICES

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WHAT IS SLICE?

SLICE is an acronym for Southwestern Library Interstate Cooperative Endeavor. It is a new type of organization evolving from the Southwestern Library Association (SWLA) Interstate Cooperation Committee work in 1969/70 and SWLA Board action. SLICE is a SWLA project designed to further interstate cooperation by exploring possible cooperative ventures and to assist in interstate regional development of library resources and services in the six state SWLA area.

The SLICE concept is a result of a SWLA Conference on Interstate Cooperative Endeavor sponsored September 16-18, 1970, by the six SWLA state library agencies. Participants in that Conference recommended eleven areas of interstate cooperation and suggested the formation of a SLICE Project to be sponsored by SWLA.

The formation of the SLICE Office on October 1, 1971 was made possible by a $25,000 grant to SWLA from the Council on Library Resources. The SLICE Project is coordinated by a SLICE Advisory Council composed of each state librarian (6), the president of the six state library associations, and chaired by the SWLA President. The Council is assisted in its function by three advisors: HEW Office of Education Region VI Library Program Office, Chairman of SWLA New Directions Task Force, and the immediate past president of SWLA. The Council established the SLICE Office through contract with the University of Texas Southwestern Medical School in Dallas, which is providing office space and equipment and all indirect costs. The SLICE Office is staffed with a Director and a part-time secretary. The day-to-day management of the SLICE Office is under the direction of a three-member SLICE Executive Committee, chaired by the SWLA President.

The Council on Library Resources grant provides funding for twelve months to stimulate regional planning, development, and coordination of educational and other library activities among the six states. Specifically, the CLR grant will support an education and action program to extend ongoing MARC services to other states and to develop other uses of MARC in the region. This project is called SLICE/MARC-O.

In addition to the CLR grant, SLICE has been pledged $2,000 from each of the six participating state library agencies to support a Continuing Education project for librarians in the Southwest. This project will work closely with the SWLA Education Committees, state agencies, and library educators in the six-state area.

Thus, in a way, SLICE is the result of the hopes and aspirations for improved library services typical of all southwestern librarians! SLICE offers a new dimension in library development for all libraries in the Southwest.

More specific details of SLICE activities and organization are available on request from:

SLICE Office

2600 Stemmons, Suite 188

Dallas, Texas 75207

(214) 631-1272

Prepared December 4, 1971 S.O.D.
Revised December 31, 1971

WHAT IS MARC?

MARC is an acronym for MAchine Readable Cataloging. This means that the subject and descriptive cataloging is in a form that can be processed by a computer. The history of machine readable cataloging at the Library of Congress dates back to 1964 when an initial study was conducted to test the possible methods of converting LC cataloging data into machine readable form as a basis for printing bibliographic products by computer. The present MARC format and the MARC Distribution Service evolved as a result of experience gained during the developmental years, 1964-1969.

WHAT IS THE MARC FORMAT AND A MARC RECORD?

The MARC format is the international standard for communicating bibliographic information in machine readable form. It is a format which is hospitable to the description of all types of bibliographic materials (monographs, serials, films, filmstrips, pictures, maps, archives, manuscripts, etc.). Each bibliographic item provided in the MARC format constitutes a record identifiable by LC card number. The format is flexible enough so that the machine records can be processed on various computers using different programming languages. The data elements in the machine records fit the diverse needs of all kinds of libraries. Each component of cataloging information (such as publisher, date, or series note) is flagged by a code tag. This permits a computer to pull out of the record on any bibliographic item just those data elements wanted by the user. The MARC format is the format which is currently being used by many nations of the world to input their national bibliographies in machine readable form, including the Library of Congress through its MARC Distribution Service.

WHAT IS THE MARC DISTRIBUTION SERVICE?

In March, 1969, the Library of Congress began the MARC Distribution Service to provide machine readable records via magnetic tapes to others working in the automation of library operations. The Library of Congress mails to subscribing institutions or persons magnetic tapes containing in MARC format the LC cataloging data for materials cataloged at the Library of Congress. These tapes are available on either a weekly or quarterly basis.

MARC tapes are available in both 7-track, 556 cpi, and 9-track, 800 cpi mini-reels and are written in the American Standard Code for Information Interchange (ASCII). The MARC Distribution Service follows the standards set by the American National Standards Institute (ANSI) for the interchange of information on magnetic tape; however, the ASCII standard 7-bit code has been expanded to an 8-bit code (for 9-track tapes) and contracted to a 6-bit code (for 7-track tapes). Complete specifications for the character set, as well as descriptions of the tape and record formats and the data fields, are found in a manual, Books: A MARC Format (4th edition, 1970). This manual is provided by the Library of Congress for new subscribers to the MARC Distribution Service. Each subscriber is responsible for developing their own internal processing programs.

WHAT IS THE MARC DATA BASE?

Initially, the MARC Distribution Service was for English language monographs only. Since that time LC has begun creating MARC records for maps and a MARC Distribution Service for films and filmstrips is scheduled to begin

in the summer, 1972. Since its inception, over 200,000 MARC records for current English language monographs have been distributed (an average of 1,500 new records are added to the Data Base each week) and over 7,000 retrospective conversion (RECON) records have been distributed.

The MARC Data Base is essentially all the MARC records distributed by the Library of Congress in the MARC Distribution Service described above. Generally speaking, the MARC Data Base consists of the following categories:

1. English language monographs cataloged at the Library of Congress since January 1, 1969. This section of the MARC Data Base presently contains (as of February 1, 1972) 200,000 records, which breakdown approximately as follows:

Card Numbers with first 2 digits	pre '68'	3%	5,100 records
Card Numbers with first 2 digits	'68'	4%	6,800 records
Card Numbers with first 2 digits	'69'	5%	8,500 records
Card Numbers in the 7-series*		88%	179,600 records

2. Films, filmstrips and multi-media included in the NUC. This sector of the Data Base is scheduled for initial issuance in the summer of 1972.

3. Maps cataloged in the map collections of the Library of Congress. This sector of the Data Base is currently available by request and financial negotiation.

The Library of Congress plans to start issusing MARC records on foreign language monographs late in 1972. English and foreign language serials are planned for in the future.

WHAT IS RECON?

While the MARC Distribution Service is currently providing MARC records for current publications, a pilot project called RECON (REtrospective CONversion) is in process to test the feasibility of converting retrospective bibliographic data to machine readable form. The RECON Pilot Project involves both the conversion of older works in the English language and the processing of records in other languages, both current and retrospective. In 1971 in the RECON project, the Library of Congress distributed to MARC subscribers 9,000 English language titles for 1969 which had not been converted as part of the MARC Distribution Service that began in March of that year. In addition, approximately 39,000 English language titles for 1968 will be made available soon.

WHAT IS CIP?

CIP is an acronym for Cataloging In Publication. This project started at the Library of Congress in July, 1971. It is a project designed to supply cataloging information to be printed in the book for American imprints, published by participating publishers. In order for books to be cataloged before publication, cooperating U. S. publishers provide the Library of Congress with galley proofs. The cataloging information returned to the publisher for printing in the book is complete except for the elements after the title proper, up to and

*All Card Numbers assigned since December 1, 1968, begin with a 7.

including the collation. Starting with October, 1971, the Library of Congress has supplied the CIP records with the MARC weekly tapes. The cataloging copy for the CIP records is complete in MARC format except for the collation. When LC receives the published book, the MARC record will be updated to add the collation and make any other necessary changes, and the new MARC record will be distributed again in full form.

WHAT ABOUT FOREIGN LANGUAGE MONOGRAPHS?

At present the Library of Congress system interfaces on a regular basis with the British National Bibliography MARC service. Many other national bibliographies (e. g., those of Canada, France, Italy and Japan) are in the process of implementation now. In addition, more than 25 other countries are in various stages of the planning process working toward the implementation of a MARC Distribution Service for their national bibliographies in coordination with the Library of Congress. In 1973, the Library of Congress plans to begin a MARC Distribution Service for monographs in the following languages: German, French, Spanish, and Portuguese.

WHAT OTHER DISTRIUBUTION SERVICES ARE PLANNED FOR THE FUTURE?

In addition to the distribution service for films and filmstrips scheduled to begin in early 1972, and a distribution service for foreign language materials scheduled to begin in 1973, several other future developments are in the wings. The MARC format for serials is in the process of finalization, and at sometime in the future a MARC Distribution Service for serials is a likely possibility. Many other types of materials will very likely have a distribution service in the future, such as music, archives, manuscripts, rare books, etc. The expansion of the foreign language coverage to the non-Roman alphabetic languages (Russian, Chinese, Japanese, etc.) is in the planning stages. In short, MARC is alive, well, and expanding in coverage of both types of material, language of material, and date of material.

Some scholars of library science believe that MARC and its potential applications is the greatest "breakthrough" for the world of books since the invention of the printing press. Time alone will tell if this is a valid statement.

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Revised December 31, 1971

WHAT IS MARC-O?

MARC-O is an abbreviation for a project which had its beginnings February, 1969, in Oklahoma. It is a project to coordinate the utilization in Oklahoma of the MARC Distribution Service for monographs. The heart of the MARC-O project is the Data Base and its organization in the computer; the life of MARC-O is the service capability for libraries. The MARC-O Data Base organization arranges the MARC records in such a way that they can be readily retrieved by LC card number. The MARC-O Data Base is presently stored on 6 IBM 2316* disk packs in order of receipt from the Library of Congress. In addition, there is an index to the entire Data Base by LC card number. Also, there is room to store up to 20 location symbols for each monograph showing library locations throughout the southwest to form the basis of a machine readable union catalog. Finally, plans have been made to add a title index to the entire Data Base in the future. The Data Base can be searched and accessed quickly - less than 1/2 of one second of computer time is required to search and retrieve a MARC record given the LC card number.

The Oklahoma Department of Libraries' MARC project has received considerable national acclaim. The "LC Information Bulletin" has cited the achievements of this project as an outstanding example of innovative applications of MARC. The personnel associated with this project have participated in national planning conferences related to MARC applications and are considered to be national authorities concerning structure and use of the MARC Data Base.

MARC-O was designed by the Oklahoma Department of Libraries to meet present and future needs of the libraries in the state of Oklahoma. It is designed and implemented in such a way that it not only provides immediate services, but has in the system the potential for state-wide or interstate development.

Further details on MARC-O are available from Mr. Kenneth Bierman, Data Processing Coordinator, Oklahoma Department of Libraries, 109 State Capitol, Oklahoma City, Oklahoma 73105, telephone (405) 521-3659.

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Revised December 31, 1971

*In the fall of 1972, the entire MARC Data Base will be switched to two IBM 3336 disk packs. Current facilities allow for a system of 8 3336 disk packs thus providing ample storage for the complete MARC Data Base well into the 1980's.

WHAT IS SLICE/MARC-O?

SLICE/MARC-O is the experimental project designed to test the feasibility of other SWLA states sharing in MARC-O. The SWLA Six Flags Interstate Cooperative Seminar identified sharing of MARC-O across state lines as a priority item to benefit all libraries in the Southwest. At that time, no other SWLA area library had developed operating services from the MARC Distribution System, and it seemed only logical to share in an ongoing service rather than to invest in duplicate development and programing costs.

The SLICE/MARC-O project has been partially funded by the Council of Library Resources for 12 months starting October 1, 1971. The Council grant funds the SLICE Office and supports MARC workshops, explanatory brochures, and other educational efforts to acquaint SWLA area librarians with MARC-O. The Oklahoma Department of Libraries provides staff support and computer capability at no cost to SLICE. Users of SLICE/MARC-O services pay for only those services requested at direct cost rates for each service based on regional use volume.

SLICE/MARC-O is also concerned with exploring new applications of MARC unique to this region. How can MARC be used to establish an interstate (or regional) "structure" of bibliographic locator files to assist in inter-library loans or identification of unusual resources? How can MARC assist in the design of a "regional" plan for library development in these six states? As other libraries in the six state region begin to use MARC, how can they benefit from or cooperate with MARC-O? Should each state have identical MARC-based services or can there be a "division of labor and services" across state lines using the unique skills of each MARC center?

These are some of the long-range implications of SLICE/MARC-O. It is the beginning of interstate regional cooperation starting with the MARC-O capabilities and building on needs or services identified for future development.

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Revised December 31, 1971

Service No. 1

SLICE/MARC-O CATALOGING DATA SEARCH AND PRINT SERVICE

DESCRIPTION OF THE SERVICE:

The entire MARC Data Base* is searched by Library of Congress card number for a particular item, and the catalog data is printed in modified card format on paper stock, arranged in requesting sequence, and returned to the requester.

APPLICATIONS AND SPECIAL FEATURES:

This SLICE/MARC-O service is specifically designed for cataloging support when Library of Congress cataloging copy cannot be manually located by the requesting library. In a sense, this particular service might be considered as a catalogers last resort before initiating original cataloging. This service is also suggested when a library wishes to reduce its cataloging backlog, but does not have adequate staff time to do catalog copy searching.

In a recent example of how this service can be used, a medium-sized public library submitted 74 LC card numbers (69 and 7-series card numbers) for which LC proof slips had not yet arrived in that library; of these, 73% were found on the MARC Data Base and the cataloging copy printed on paper stock was mailed to the requesting library within 48 hours. From this cataloging copy, the processing of these books could proceed without further delay. One of the special features of this service is the ability to identify each LC card number request with a local control option. For example, this 2-digit local control number can be used to indicate where that particular book is located, i. e., a particular book truck, the initial of an individual cataloger, or a certain department. This local control information is printed at the top of each individual catalog copy printout. A sample request form and computer printout illustrating this service follows.

AVAILABILITY AND REQUESTING PROCEDURE:

This service is available for any item contained in the MARC Data Base. The service should be requested on special order forms (sample follows) which can be supplied on inquiry. Requests are processed twice weekly against the MARC Data Base. Generally, a user can expect receiving the printout after about 5 working days from receipt of request by MARC-O.

COSTS:

Since this service is designed to be supplementary, the volume of requests which can be quickly and conveniently searched is somewhat limited. The cost to libraries which submit their requests on the standard order form without accompanying key punch cards is 10¢ for each request to cover the cost of key punching, plus an additional 10¢ for each printed cataloging copy returned. If a library has access to a key punch and wishes to submit their request on key punch cards, the cost will be only 10¢ for each cataloging card copy returned. There is a minimum charge of $5.00 per batch of LC card numbers submitted.

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*See separate description of MARC Data Base.

A USER'S MANUAL CONTAINING ADDITIONAL MORE DETAILED INFORMATION AND INSTRUCTIONS ON USE OF THIS SERVICE IS AVAILABLE FROM THE SLICE OFFICE, 2600 STEMMONS, SUITE 188, DALLAS, TEXAS 75207, TELEPHONE 214-631-1272

CATALOGING DATA REQUEST FORM - 8a - Service No. 1

FROM: _____

TO: SLICE/MARC-O
Oklahoma Department of Libraries
109 State Capitol
Oklahoma City, Oklahoma 73105

_____

_____

_____ Zip

Account Number * 02 (cc24-25) Order Number 05 (cc27-28)

cc1-4 = 'B991'

LC Prefix cc6-8	LC Number cc9-16	Local 21-22	LC Prefix cc6-8	LC Number cc9-16	Local 21-22
	77119671				
	75171214				
	78126492				
	77087096	T3			
	73149903	BB			
	76102334	JE			

Do not go below this line - use second sheet if necessary.

Total number of LC card numbers [6] x _____ = $_____

Total number of matches printed out [ ] x .10 = $_____

* Assigned by ODL when account established

01/10/72 77119671 02 05

CATTON, BRUCE, 189?-
THE CIVIL WAR. NEW YORK, AMERICAN HERITAGE PRESS (1971)
341 P. ILLUS. 33 CM. 6.95

NARRATIVE PORTION OF THE WORK FIRST PUBLISHED IN 1960 UNDER TITLE, THE AMERICAN HERITAGE PICTURE HISTORY OF THE CIVIL WAR.

U.S.--HISTORY--CIVIL WAR.

E468.C2842 973.7
77-119671 007010266X

01/10/72 75171214 02 05

HICKEL, WALTER J., 1919-
WHO OWNS AMERICA. BY WALTER J. HICKEL. ENGLEWOOD CLIFFS, N.J., PRENTICE-HALL (1971)
XII, 328 P. 22 CM. 6.95

U.S.--POLITICS AND GOVERNMENT--1969-
U.S.--CIVILIZATION--1970-

E855.H5 1971 973.924/0924AB
75-171214 013958322X

01/10/72 78126492 02 05

WALLENFELS, HERMAN G.
HEARING AIDS FOR NERVE DEAFNESS, BY HERMAN G. WALLENFELS. SPRINGFIELD, ILL., THOMAS (1971)
XIII, 116 P. ILLUS. 24 CM.

BIBLIOGRAPHY, P. 112.

HEARING AIDS, MECHANICAL.
DEAFNESS.

RF300.W28 617/.89
78-126492

01/10/72 77087096 T3 02 C5

HOLLANDER, H. CORNELIA.
CREATIVE OPPORTUNITIES FOR THE RETARDED CHILD AT HOME AND IN SCHOOL, BY H. CORNELIA HOLLANDER. (GARDEN CITY, N.Y., DOUBLEDAY, 1971)
6 V. ILLUS. (PART COL.), PORTS. 26 CM. 10.00
(CREATIVE OPPORTUNITIES FOR THE RETARDED CHILD)

INCLUDES BIBLIOGRAPHIES.
BOOKLET 1. GETTING STARTED.--BOOKLET 2. FINGER PAINTING AND SIMPLE PRINT MAKING.--BOOKLET 3. DRAWING AND PAINTING.--BOOKLET 4. CLAY AND OTHER DIMENSIONAL MEDIA.--BOOKLET 5. STITCHERY.--BOOKLET 6. WOODWORKING AND ODDS AND ENDS.

HANDICAPPED CHILDREN--EDUCATION--ART.

LC4025.H64 371.928
77-087096

01/10/72 73149903 BB 02 05

SHADE, PHILIP A.
COMMON STOCKS, A PLAN FOR INTELLIGENT INVESTING (BY) PHILIP A. SHADE. HOMEWOOD, ILL., R. D. IRWIN, 1971.
IX, 324 P. 24 CM. 8.95
(THE IRWIN SERIES IN FINANCE)

BIBLIOGRAPHY, P. 317-321.

CORPORATIONS--VALUATION.

HG4028.V3S47 332.63/223
73-149903

01/10/72 76102334 JE 02 05

MINTON, ROBERT J., COMP.
INSIDE, PRISON AMERICAN STYLE. EDITED BY ROBERT J. MINTON, JR. (1ST ED.) NEW YORK, RANDOM HOUSE (1971)
XVII, 325 P. 22 CM. 7.95

INCLUDES BIBLIOGRAPHICAL REFERENCES.

PRISONS--U.S.--ADDRESSES, ESSAYS, LECTURES.

HV9471.M55 365/.9/794
76-102334 039446758Z

Service No. 2

SLICE/MARC-O RECORD SEARCH AND COPY SERVICE

DESCRIPTION OF THE SERVICE:

The entire MARC Data Base* is searched by Library of Congress card number for a particular item and the MARC record is copied in MARC code and format on a computer tape which is mailed to the user, accompanied by a printed Reference Listing.

APPLICATIONS AND SPECIAL FEATURES:

This service has potential application at any time a user wants machine readable cataloging information for input into their own computer system for any number of in-house services or products - such as creation of book catalogs, catalog card sets, or union catalogs. This SLICE/MARC-O service requires that the user have the capability of processing the computer tape containing the desired MARC record.

This SLICE/MARC-O service has several advantages. For example, the user acquires only those MARC records for only those items requested and therefore does not have to store and process the entire MARC Data Base in the user's own computer.

This SLICE/MARC-O service should be particularly advantageous to systems of libraries, library consortia, or centralized book processing centers, as well as larger libraries now involved in automation. Systems of libraries or library consortia could use this service for consolidation of bibliographic data of members' holdings for future creation of a holdings record or for preparation of a composite book catalog. A book processing center could use this service as input for computer-generated card set production, thereby eliminating local key punching. This service could be used to generate a short title catalog for one or several libraries. Book order slips could be computer printed from the MARC service, and it is possible that this service could serve as the computer input to ongoing computer based book order control systems, such as BATAB.

The Reference Listing accompanying each computer tape provided in this service shows the contents of the returned tape. Additionally, the Reference Listing can show up to sixty positions of user supplied data for local control, such as order number, requesting library, etc. A sample excerpt from a typical Reference Listing is enclosed.

AVAILABILITY AND REQUESTING PROCEDURE:

This service is available on a 48-hour turn-around time from receipt of machine-readable Library of Congress card number request to the mailing of the tape containing the requested MARC record back to the user.

The entire MARC Data Base is searched during this service. Of course, a MARC record can be supplied for only those items in the Data Base. For example, a city/county library system recently submitted 8,000 Library of Congress card numbers for new acquisitions during a 6-month period. Of the 8,000 total items requested, a MARC record was located for 75.3%. In this same case, a MARC record was located for 95.9% for the 69 and 7-series LC card numbers.

*See separate description of MARC Data Base.

LC card number request should be submitted on key punch cards or computer tapes. By special arrangement, LC card number requests can be submitted in a typed or handwritten list or TWX tape.

COSTS:

The cost is 10¢ for each MARC record supplied; there is no charge for requests which are not located on the MARC Data Base. There is a minimum $10.00 fee per batch of LC card numbers searched. The user furnishes the computer tape or is billed for the tape at cost.

A USER'S MANUAL CONTAINING ADDITIONAL MORE DETAILED INFORMATION AND INSTRUCTIONS ON USE OF THIS SERVICE IS AVAILABLE FROM THE SLICE OFFICE, 2600 STEMMONS, SUITE 188, DALLAS, TEXAS 75207, TELEPHONE 214-631-1272

MARC II RETRIEVAL RUN — LIBRARY NO. 99

Library Number	LC Card Number	Local Information	Found/Not Found
B991	66030756	KB 02 01 TAPE 18	MATCH
B991	79931766	KB 02 01 TAPE 18	MATCH
B991 SA	68018968	KB 02 01 TAPE 18	MATCH
B991	68010289	19 02 02	MATCH
B991	79575697	19 02 02	MATCH
B991 SA	68019020	19 02 02	MATCH
B991	66015853	20 02 02	MATCH
B991	71976166	20 02 02	MATCH
B991	79980280	20 02 02	MATCH
B991	70027160	21 02 02	MATCH
B991	70084076	21 02 02	MATCH
B991	79635707	21 02 02	MATCH
B991	65063915	22 02 02	MATCH
B991	79932353	22 02 02	MATCH
B991 SA	68019014	22 02 02	MATCH
B991	62064254	23 02 02	MATCH
B991	70137240	23 02 02	MATCH
B991	70094160	DR 02 02	MATCH
B991	70090808	CR 02 02	NO MATCH
B991	70019405	DR 02 02	MATCH
B991	79914391	23 02 02	NO MATCH
B991 A	66007195	23 02 02	MATCH
B991 SA	68017534	23 02 02	MATCH
B991	64062299	24 02 02	MATCH
B991	65014658	24 02 02	MATCH
B991	71511857	24 02 02	MATCH
B991	77582111	24 02 02	MATCH
B991	79960056	24 02 02	MATCH
B991 A	68007592	24 02 02	MATCH
B991	HEW68000070	24 02 02	MATCH
B991	MAP69000003	24 02 02	MATCH
B991 SA	68017322	24 02 02	MATCH
B991	55061901	25 02 02	MATCH
B991	76155225	25 02 02	MATCH
B991	63063344	26 02 02	MATCH
B991	70028038	DR 02 02	MATCH
B991	70150904	26 02 02	NO MATCH
B991 SA	68018194	26 02 02	MATCH
			MATCH

TOTAL NO. OF REQUESTS PROCESSED=00091

TOTAL NO. OF MATCHED=00077

TOTAL NO. NOT MATCHED=00014

TOTAL NO. OF ERRORS IN REQUEST=00000

Service No. 2: Sample Reference Listing

Service No. 3

SLICE/MARC-O STANDARD S.D.I. CURRENT AWARENESS SERVICE

DESCRIPTION OF THE SERVICE:

Each week the subscriber receives a printed bibliography of newly published books on specified subjects as identified on the incoming weekly MARC tapes by matching of a subject profile composed of Library of Congress and Dewey classifications.

APPLICATIONS AND SPECIAL FEATURES:

This Selective Dissemination of Information (S.D.I.) Service has proven to be useful as a current awareness tool, a book selection tool, or as a cataloging aid. Each entry on the bibliography contains complete Library of Congress cataloging information. The weekly bibliography is formulated so that it may be routed to groups or individuals concerned with the subject or, at the subscriber's preference, each separate item on the bibliography may be physically pulled out for individual ordering, routing, or filing, etc. A facsimile of three entries on a weekly bibliography covering the subject of the Southwest and a similar one on the subject of additional technology is enclosed.

These weekly bibliographies can be computer compiled on quarterly, semi-annual, or annual intervals by special arrangement.

One of the extremely valuable features of this special service is the inclusion of CIP (Cataloging In Publication). This means that the subscriber will receive notice of forthcoming books several months prior to publication and will have complete cataloging copy information for advanced ordering and processing purposes.

One state library agency has found this service extremely useful in providing departments of state government with specialized weekly subject bibliographies as an extension of their reference service and as an aid to book selection for collection development.

AVAILABILITY AND REQUESTING PROCEDURE:

A Standard S.D.I. weekly bibliography is presently available on each of the following topics:

1. The Southwest (any book on or about any of the six SWLA states or the region)

2. Law and Political Sciences

3. Drug Abuse (including tobacco and alcohol)

4. Environmental Science (waste disposal and air, water, or land pollution)

5. Indians of North America

6. Library and Information Science (including library automation, administration, construction and planning, information storage and retrieval)

7. Bibliography and Reference (all bibliographies and general works)

8. Educational Technology (programmed instruction, multi-media, educational broadcasting, computer-assisted instruction, and educational strategies)

Additional Standard S.D.I. weekly bibliographies can be developed if three or more subscribers are interested in a copy. Inquiries are welcome.

An order blank for subscribing to any of the eight currently available standard weekly bibliographies is enclosed. If you desire a quotation on a standard weekly bibliography on a subject area other than one of the above listed, please so indicate on the enclosed order form and submit directly to the SLICE Office.

COSTS:

Costs for each subject are determined by a formula which considers the weekly average number of items in the bibliography and the number of subscribers. Costs are reviewed semi-annually, and if there are a sufficient number of new subscribers to a subject, costs are reduced accordingly. Current costs for subscribers to the existing subjects are on the enclosed order blank. A limited number of samples for each weekly bibliography are available upon request. Experience has shown that one of the best ways to get acquainted with the service is to try a quarterly subscription and see if it meets your needs.

Service No. 3: ORDER BLANK

_____
(Date)

TO: SLICE/MARC-Oklahoma
Oklahoma Department of Libraries
109 State Capitol
Oklahoma City, Oklahoma 73105

FROM: _____

_____

_____

_____

Please begin a subscription for the following as soon as possible (Circle the desired service.)

Subject Area	Quarterly 13 weeks	Semi-annually 26 weeks	Annually 52 weeks
Southwest	$26.00	$52.00	$104.00
Library & Information Science	19.50	39.00	78.00
Bibliography & Reference	19.50	39.00	78.00
Law & Political Science	58.50	117.00	234.00
Environmental Science	19.50	39.00	78.00
Indians of North America	19.50	39.00	78.00
Drug Abuse	19.50	39.00	78.00
Educational Technology	19.50	39.00	78.00

Please send invoice in triplicate to:

Mail weekly SDI notices to:

ARKANSAS. LEGISLATIVE COUNCIL.
SEARCH WARRANT LAW IN ARKANSAS. (LITTLE ROCK) 1970.
8 L. 28 CM.
(ITS INFORMATIONAL MEMO. NO. 135)

COVER TITLE.
MEMORANDUM TO COMMITTEE ON JUDICIARY, ARKANSAS LEGISLATIVE COUNCIL, FROM RESEARCH DEPT., ARKANSAS LEGISLATIVE COUNCIL.

WARRANTS (LAW)--ARKANSAS.

ARKANSAS. LEGISLATIVE COUNCIL. COMMITTEE ON JUDICIARY.

KFA3620.L4 NO. 135KFA4176.5.A8345/.767/052
76-636312

CHAMBER OF COMMERCE OF THE NEW ORLEANS AREA.
1970 POPULATION AND HOUSING DATA, NEW ORLEANS. (NEW ORLEANS) 1971.
IV, 67 P. MAPS. 22 X 29 CM.

COVER TITLE.

NEW ORLEANS METROPOLITAN AREA--POPULATION--STATISTICS.
HOUSING--NEW ORLEANS METROPOLITAN AREA--STATISTICS.

HB3527.N54C5 301.5/4/0976335
77-030782

ADAMS, ALEXANDER B.
GERONIMO, A BIOGRAPHY (BY) ALEXANDER B. ADAMS. NEW YORK, PUTNAM (1971)
381 P. ILLUS. 22 CM. 8.95

BIBLIOGRAPHY, P. 367-372.

GERONIMO, APACHE CHIEF, 1829-1909.
APACHE INDIANS--HISTORY.

E99.A6G14 1971 970.3AB
77-163402

THE ROLE OF RESEARCH IN EDUCATIONAL CHANGE. EDITED BY ALFRED YATES. PALO ALTO, CALIF., PACIFIC BOOKS (1971)
224 P. 24 CM. 6.95
(INTERNATIONAL STUDIES IN EDUCATION, 20)

INCLUDES DISCUSSIONS AND SUMMARIES OF PAPERS PRESENTED AT A CONFERENCE SPONSORED BY THE UNESCO INSTITUTE FOR EDUCATION, HAMBURG, IN 1967.
BIBLIOGRAPHY, P. (211)-217.

EDUCATIONAL RESEARCH.

YATES, ALFRED, ED.
HAMBURG. UNESCO-INSTITUT FUR PADAGOGIK.

INTERNATIONAL STUDIES IN EDUCATION (HAMBURG) 20.

LB1028.R55 370/.78
75-134226 0870151878

DRESSEL, PAUL LEROY, 1910-
INSTITUTIONAL RESEARCH IN THE UNIVERSITY, (A HANDBOOK, BY) PAUL L. DRESSEL AND ASSOCIATES. FOREWORD BY FREDERICK DE W. BOLMAN. (1ST ED.) SAN FRANCISCO, JOSSEY-BASS, 1971.
XVI, 347 P. 24 CM.
(THE JOSSEY-BASS SERIES IN HIGHER EDUCATION)

INCLUDES BIBLIOGRAPHIES.

EDUCATION, HIGHER--RESEARCH.

LB2331.D7 378/.0072
75-159264 0875890997

RUFSVOLD, MARGARET IRENE, 1907-
GUIDES TO EDUCATIONAL MEDIA, FILMS, FILMSTRIPS, KINESCOPES, PHONODISCS, PHONOTAPES, PROGRAMED INSTRUCTION MATERIALS, SLIDES, TRANSPARENCIES, VIDEOTAPES (BY) MARGARET I. RUFSVOLD AND CAROLYN GUSS. 3D ED. CHICAGO, AMERICAN LIBRARY ASSOCIATION, 1971.
IX, 116 P. 23 CM.

FIRST ED. PUBLISHED IN 1961 UNDER TITLE, GUIDES TO NEWER EDUCATIONAL MEDIA, FILMS, FILMSTRIPS, PHONORECORDS, RADIO, SLIDES, TELEVISION, 2D ED. PUBLISHED IN 1967 UNDER TITLE, GUIDES TO NEWER EDUCATIONAL MEDIA, FILMS, FILMSTRIPS, KINESCOPES, PHONODISCS, PHONOTAPES, PROGRAMED INSTRUCTION MATERIALS, SLIDES, TRANSPARENCIES, VIDEOTAPES.

AUDIO-VISUAL EDUCATION--BIBLIOGRAPHY.
AUDIO-VISUAL MATERIALS--CATALOGS.

GUSS, CAROLYN, JOINT AUTHOR.

Z5814.V8R8 1971 016.37133
75-162469 0838900968

Service No. 4

SLICE/MARC-O CUSTOM S.D.I. CURRENT AWARENESS SERVICE

DESCRIPTION OF SERVICE:

Each week the subscriber receives a printed bibliography of newly published books selected according to an individualized subject profile and as retrieved from the new weekly MARC tapes. This service is similar to the Standard Current Awareness S.D.I. Service, except that the individual subscriber structures and develops the custom subject profile to meet their individual interests and needs.

APPLICATIONS AND SPECIAL FEATURES:

Various subscribers have found this service to be useful in a variety of ways. Some subscribers use this custom-designed weekly bibliography as an extension of their reference service to individual users or groups of users. Other subscribers use this service to assist in book selection or collection development. By computer compiling and cumulating the weekly bibliographies, it is possible to develop specialized, comprehensive bibliographies covering specific subjects.

The main advantage and uniqueness of this service is the custom or individualized nature of the subject to be covered in the weekly listings. This is achieved by incremental development of the interest profile used for the weekly selection of pertinent items from the weekly MARC tapes. By continuous refinement of the individualized profile, it is possible to "sharpen" the selection so that each weekly listing is highly pertinent to the desired subject and is reasonably inclusive of related subjects. S.D.I. offers unique potential for innovative reference services for special groups or on special topics.

AVAILABILITY AND REQUESTING PROCEDURE:

A custom current awareness S.D.I. service is highly individualized. The SLICE/MARC-O staff will work with the subscriber in developing the interest profile. It is suggested that a request for this service be initiated by indicating the Dewey and Library of Congress classification numbers believed pertinent to the topic of interest. SLICE/MARC-O will then provide a preliminary listing of items retrieved using this initial profile. The user then further refines the profile by deleting, adding, or modifying various Dewey or LC classes or sub-classes. A second preliminary listing is then prepared by SLICE/MARC-O. This process of profile refinement continues until the subscriber is satisfied with the weekly listing. Usually three or four preliminary listings result in a satisfactory profile development. If you are interested in having a custom profile developed, write or call the SLICE Office or MARC-O Office for additional information and instructions for completing the order form which follows.

COSTS:

Cost for each Custom Current Awareness S.D.I. Profile is determined by a formula which considers the weekly average number of items in the bibliography. Based on previous experience with this service, it is estimated that an annual subscription will be approximately $150. A firm quotation on costs can be supplied on inquiry to SLICE/MARC-O.

Service No. 4: ORDER BLANK

_____(date)

TO: SLICE/MARC-O
Oklahoma Dept. of Libraries
109 State Capitol
Oklahoma City Oklahoma 73105

FROM:_____

_____

_____

_____

_____

We want to experiment with a custom SDI profile. Please begin an experimental trial service at your earliest convenience as described below.

SUBJECT AREA(S):_____

_____

_____

Suggested Dewey Numbers (Examples: individual number: 012.405 range of numbers: 010-020)	Suggested LC Numbers (Examples: individual number: TS3045 range of numbers: Z1-Z1000)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Please mail invoice to:	Please mail weekly listings to:

CALL THE SLICE OR MARC-O OFFICE FOR HELP IN COMPLETING THIS FORM.

Service No. 5

STAFF SUPPORT IN PLANNING AND IMPLEMENTATION OF SLICE/MARC-O SERVICES

Through SLICE, any potential user of SLICE/MARC-O services has access to professional or technical guidance regarding local application of these services. One of the functions of SLICE is to work with state library agencies, library consortia, or groups of libraries to explore possible applications of SLICE/MARC-O capabilities to meet specific or local needs. This staff support is available to assist in planning, evaluating, or implementing any of the previously described SLICE/MARC-O services, or to assist in experimenting with or designing possible new services. When requested by a state library agency or a consortia of libraries, SLICE can provide user training workshops up to two days duration. SLICE can assist in technical aspects of MARC use or implementation up to one day's consulting time per installation.

One of the major features of the SLICE/MARC-O service is the unique potential contribution that this capability can make to the developments of interstate, interlibrary networks. SLICE welcomes the opportunity to work with any group concerned with planning state or regional library developments in order to assist in exploring this potential for improving identification and access to regional library resources.

Further details of this staff support service are available on inquiry to the SLICE Office, 2600 Stemmons, Suite 188, Dallas, Texas, 75207, (214) 631-1272.

REGIONAL/INTERSTATE LIBRARY DEVELOPMENT AND SLICE/MARC-O

MARC offers the potential of a coordinated interstate library development plan for this six state region. The exact nature of such a plan is not clear at this time, or such a plan may not be politically or administratively feasible. However, the potential for such a plan does exist and SLICE would be remiss not to explore or envision this capability. As the MARC Data Base expands to include serials, multi-media and foreign publications, maps, and other English language monographs, the potential for regional coordination of library development becomes greater. Furthermore, as each state develops "educational telecommunications networks", the potential of remote teleprocessing of a computerized MARC Data Base (or a series of MARC Data Bases) becomes economically, as well as technically, feasible. Organizing to use these capabilities on an interstate basis will require planning by all. SLICE hopes to assist in this planning.

Some functions or services possible in the SLICE/MARC-O system which have regional implication are discussed below:

1. Regional Union Catalog Of Monographs

In the MARC-O system, a record can be made by the computer of each library's request for a MARC record (i. e., Search and Print or Search and Copy Service). It is then possible to printout a Regional Union Catalog of Monographs recently acquired by any of the participating libraries. Thus, if certain libraries in the region were designated as "Resource Libraries" (either by geographic or subject area) and if their acquisitions were entered in the SLICE/MARC-O machine readable system, the start on a Regional Union Catalog is possible. This would require agreement among the six states on a uniform coding system for participating libraries, such as used by ULS or NST.

In a given state, it is now possible to "structure" service responsibilities so that a "Resource Library" could serve as a SLICE/MARC-O interface for libraries in a given area. All the LC requests for libraries in a Resource Library's area could be channeled through MARC-O using the code designation for that Research Library and local codes for each local library - thus building an area or state catalog of monographs, etc. If the Resource Library had the computer capability, the SLICE/MARC-O Search and Copy Services could supply the MARC record on computer tape to the Resource Library for further local uses.

2. Routing Of Interlibrary Loan Requests

As the MARC-O Data Base builds the record of holdings described above, location of monographs for interlibrary loan purposes becomes possible on a "real time" or "short batch time" basis. Using TWX, the MARC-O Data Base can be queried for location of a given monograph. The request could then be relayed by TWX to the nearest library holding the item, or locations could be TWX'ed back to the requester.

3. Coordinated Data Base Services

The MARC-O project includes only the English language monograph data base at present. This is a large and rapidly growing data base. Library of Congress has announced the start of two additional MARC Data Bases - on multi-media and on maps. There is some question regarding the feasibility of one center physically maintaining all

the data bases in operating service. Within these six states, it might be more feasible to divide the data base service among several centers, i. e., one for English monographs, one for multi-media, one for serials, etc. (Such "division of labor" must be coordinated to insure compatibility and interface ability.) Thus, this region would be assured of having rapid access to all the MARC Data Bases at an economically feasible level and each SLICE/MARC Center would be a "participating node" in the regional network.

4. Coordinated Functional Services

As is described previously in this brochure, the MARC system has many potential applications or functions. MARC-O has emphasized four applications, i. e., Search and Copy, Search and Print, Standard S.D.I., and Custom S.D.I. Other MARC centers are developing other applications. Trinity University (San Antonio) and CORAL*, for example, have developed a catalog card production module for use by member libraries. Several large libraries in the SLICE area are now using or considering using the BATAB automation system for order control. The possibility of interfacing the MARC-O service with BATAB offers some exciting potential for further cooperative application. It may be desirable to consider the existing or anticipated functions needed in the six state region and design a strategy to cooperatively develop these "functional divisions of labor".

5. Cooperative Resource Development

It is possible to use the MARC-O S.D.I. service for cooperative development of resources in the SWLA region. Those libraries interested in participating could develop subject profiles pertinent to their individual areas of resource collections. Each week each participating library would receive a list of newly cataloged items in the subject areas as reported on the MARC tapes. By prior agreement, the participating libraries would be responsible for purchasing those items on the weekly lists, thus assuring a comprehensive collection of that subject area in the six state region.

SLICE provides a communication and organizational vehicle for stimulating thinking and action leading toward improved coordination of interstate library development. Your ideas are welcomed by SLICE Council.

Prepared December 5, 1971, S.O.D.
Revised December 31, 1971

*A consortium: Council Of Research And Academic Libraries